

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071318\
 Data File : BF107393.D
 Acq On : 14 Jul 2018 4:01
 Operator : JU/SJ
 Sample : J3970-07
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-B

Quant Time: Jul 14 04:53:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 13 11:54:53 2018
 Response via : Initial Calibration

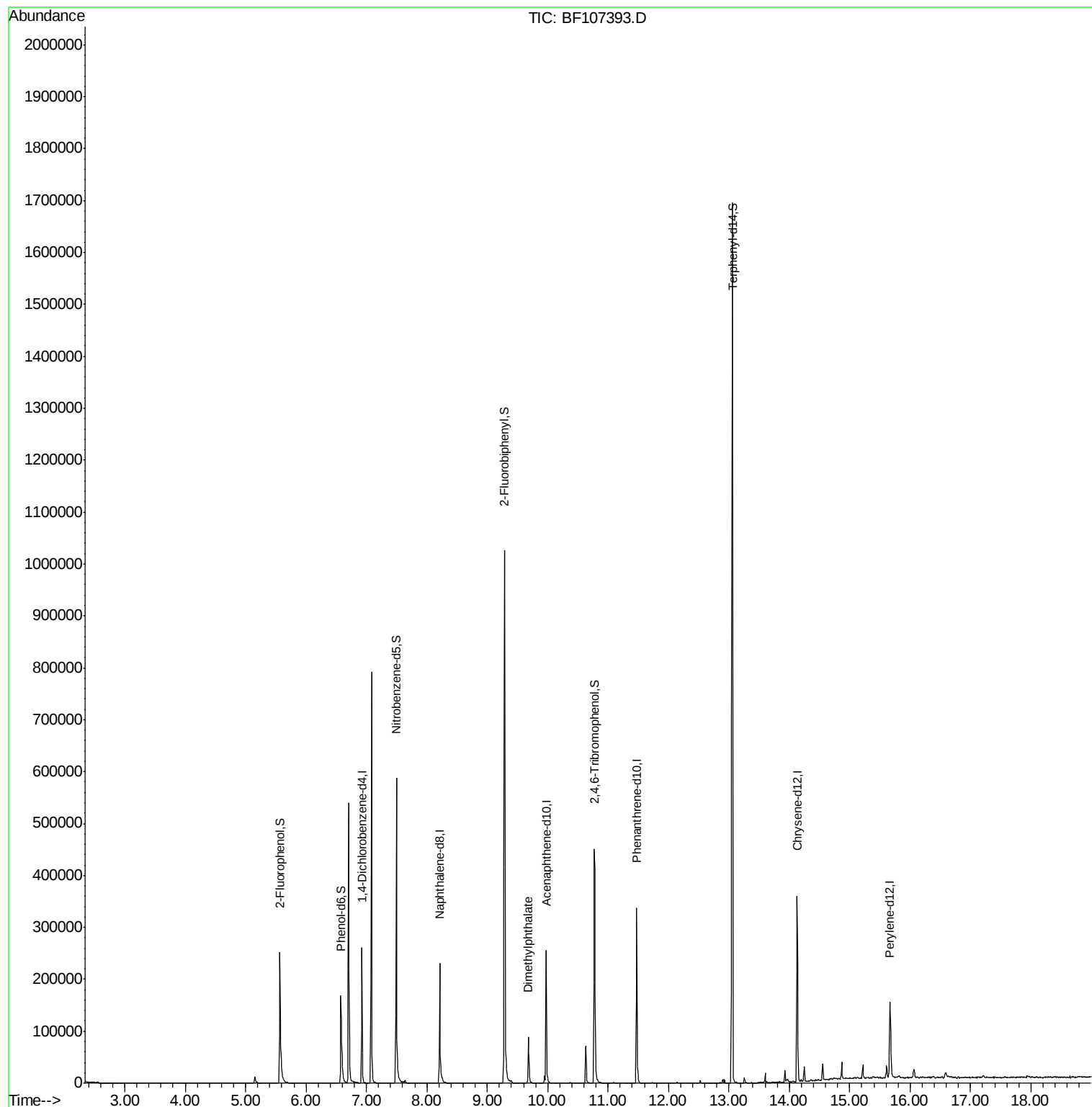
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	40123	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	135162	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	65940	20.00	ng	0.00
63) Phenanthrene-d10	11.47	188	147621	20.00	ng	0.00
75) Chrysene-d12	14.13	240	137080	20.00	ng	0.00
86) Perylene-d12	15.67	264	93274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	104425	44.07	ng	0.00
7) Phenol-d6	6.58	99	82021	27.72	ng	0.00
23) Nitrobenzene-d5	7.50	82	212412	87.34	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	81046	106.04	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	420173	112.65	ng	0.00
78) Terphenyl-d14	13.06	244	657963	116.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.68	163	46928	9.489	ng	Qvalue # 95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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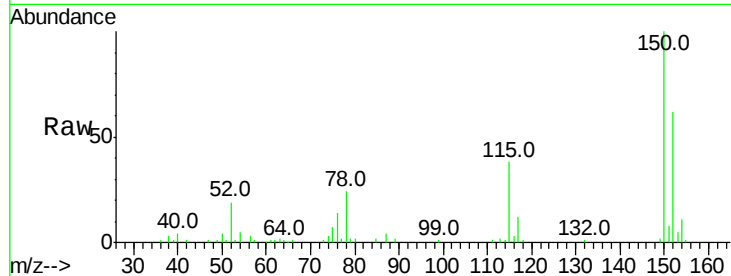


#1

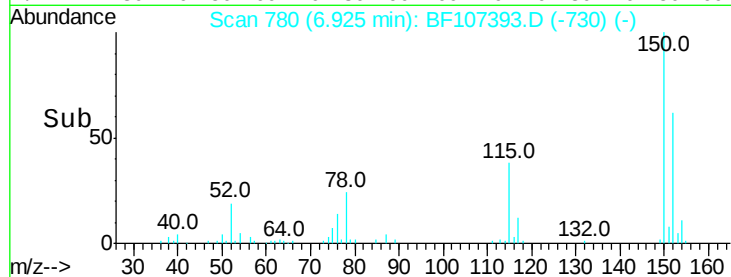
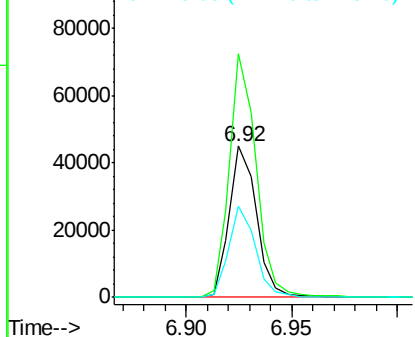
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF107393.D
Acq: 14 Jul 2018 4:01

Instrument :
BNA_F
ClientSampleId :
071118-TIPC-F-D-B

Tot Ion:152 Resp: 40123
Ion Ratio Lower Upper
152 100
150 160.8 124.6 186.8
115 60.4 50.1 75.1



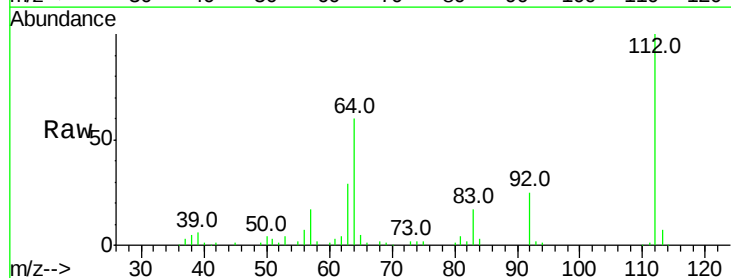
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



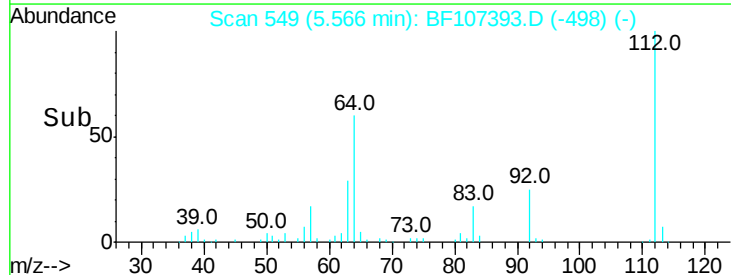
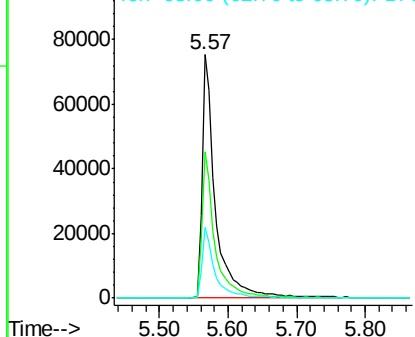
#5

2-Fluorophenol
Concen: 44.071 ng
RT: 5.57 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF107393.D
Acq: 14 Jul 2018 4:01

Tgt Ion:112 Resp: 104425
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 28.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 27.719 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.00 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-B

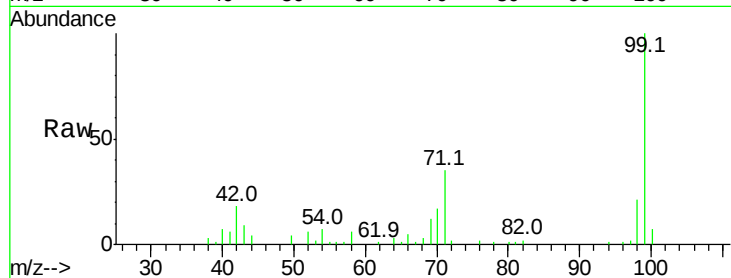
Tot Ion: 99 Resp: 82021

Ion Ratio Lower Upper

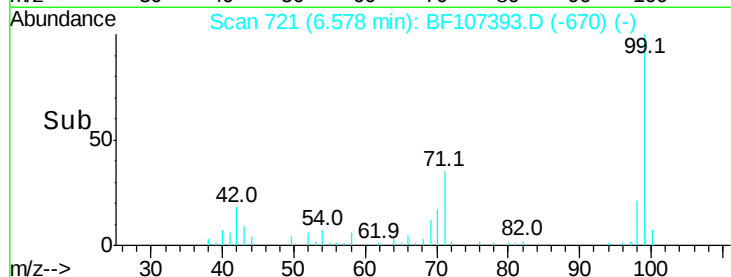
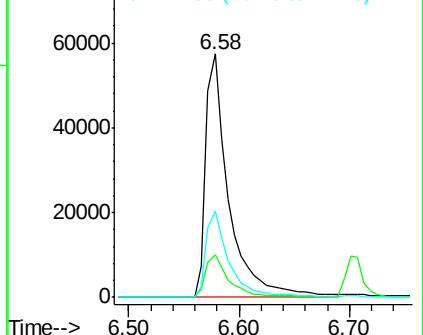
99 100

42 17.7 14.5 21.7

71 35.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 999

Delta R.T. 0.00 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Tgt Ion: 136 Resp: 135162

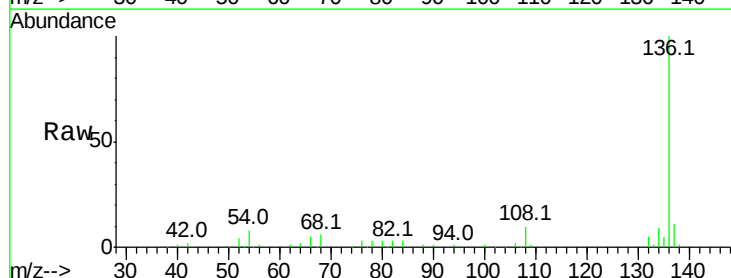
Ion Ratio Lower Upper

136 100

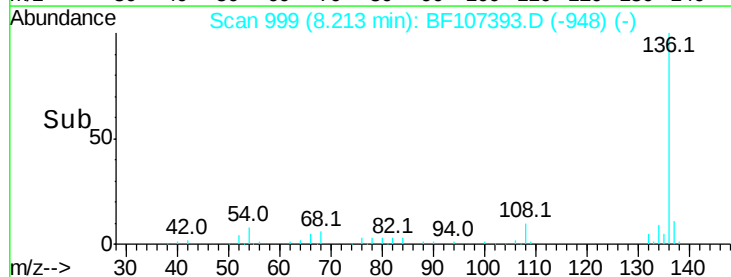
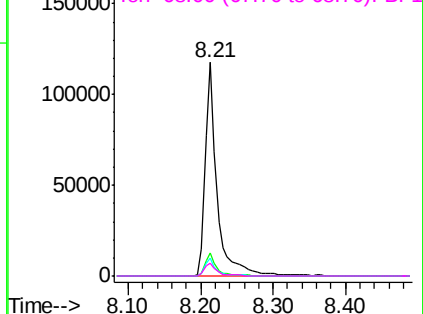
137 10.5 8.9 13.3

54 8.3 6.6 9.8

68 6.0 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

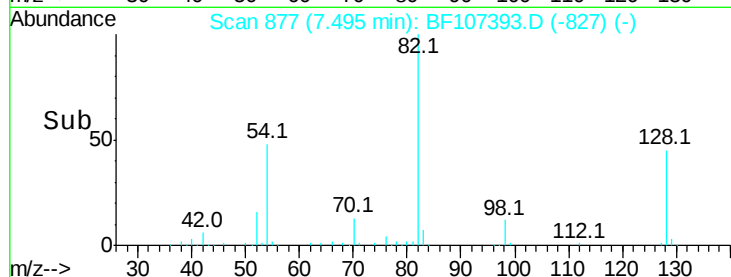
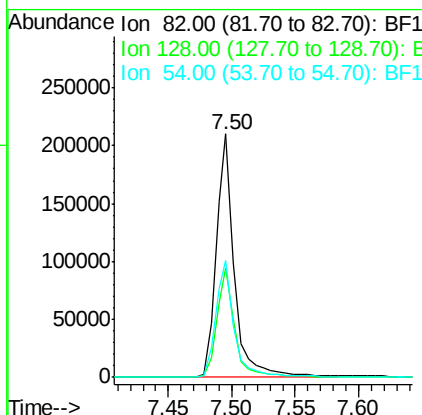
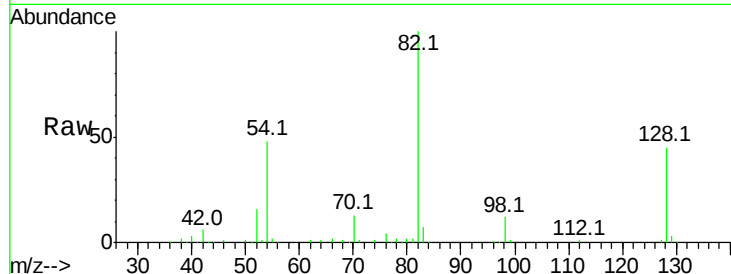




#23
 Nitrobenzene-d5
 Concen: 87.336 ng
 RT: 7.50 min Scan# 877
 Delta R.T. -0.01 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

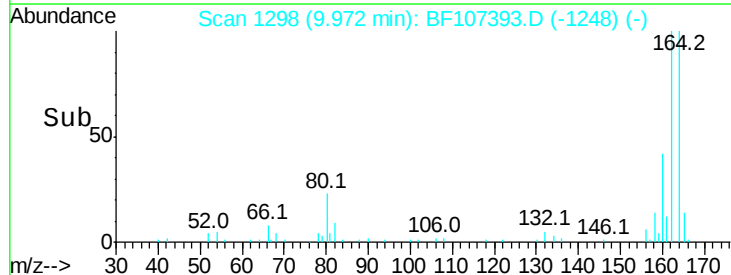
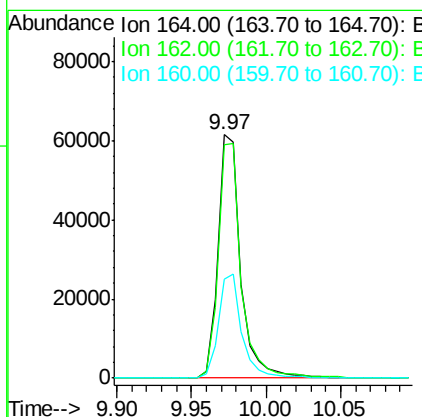
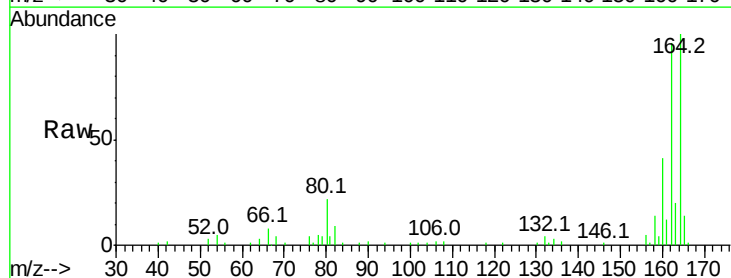
Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-B

Tot Ion	82	Resp	212412
Ion Ratio	Lower	Upper	
82	100		
128	44.7	36.1	54.1
54	48.0	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.97 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

Tgt Ion	164	Resp	65940
Ion Ratio	Lower	Upper	
164	100		
162	96.0	86.1	129.1
160	40.7	38.3	57.5

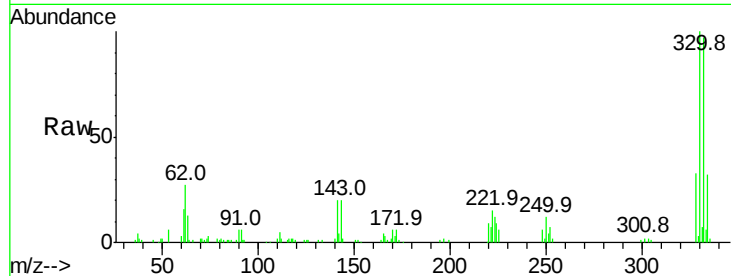




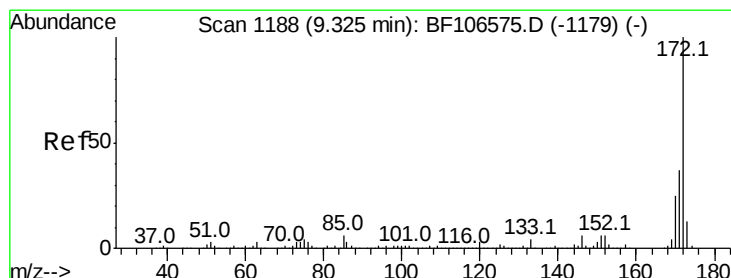
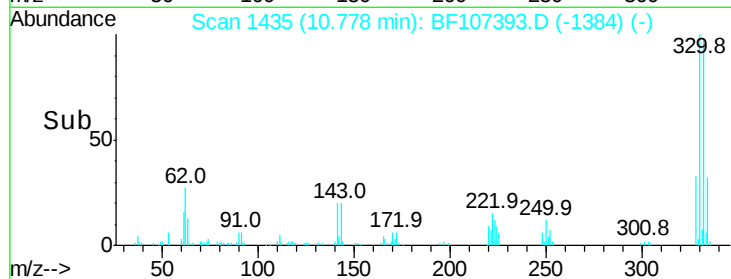
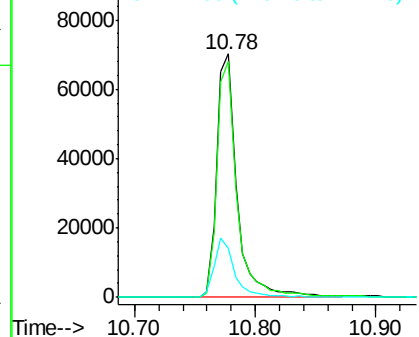
#41
 2,4,6-Tribromophenol
 Concen: 106.045 ng
 RT: 10.78 min Scan# 1435
 Delta R.T. 0.00 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	24.2	29.9	44.9#

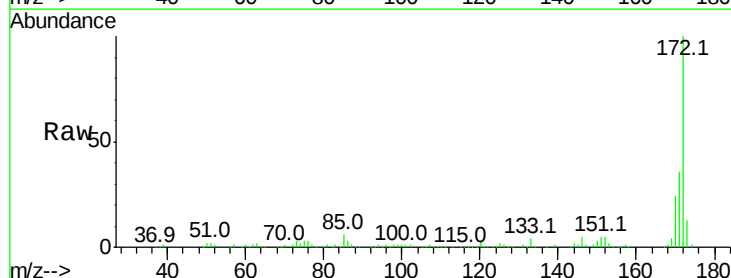


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

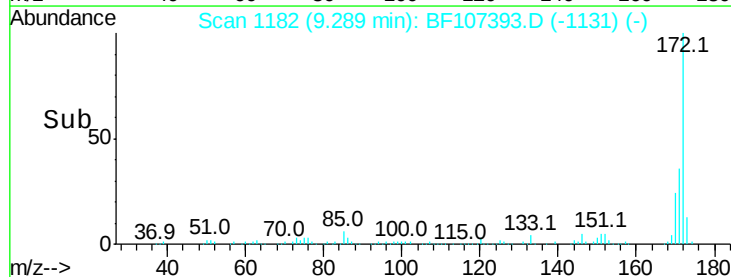
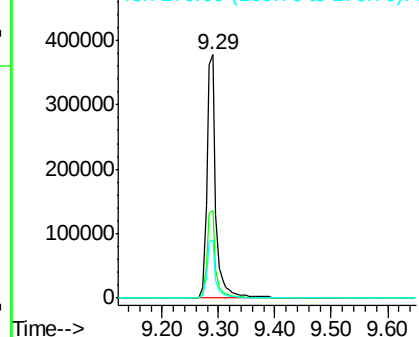


#44
 2-Fluorobiphenyl
 Concen: 112.654 ng
 RT: 9.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.7	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 9.489 ng

RT: 9.68 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-B

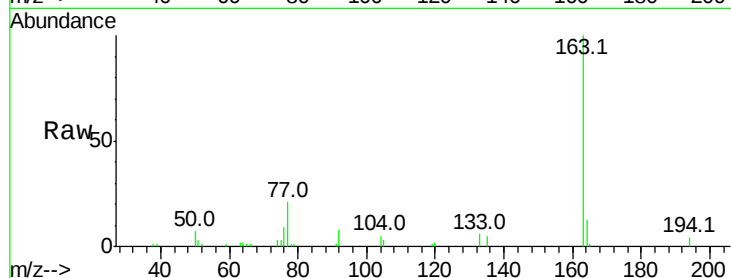
Tot Ion:163 Resp: 46928

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

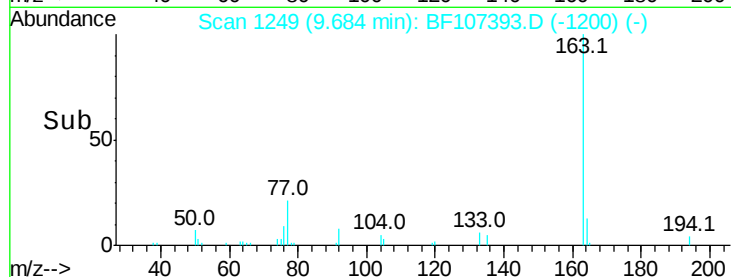
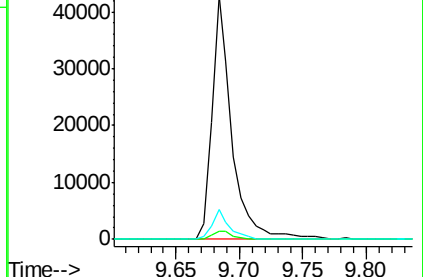
164 12.5 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.47 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

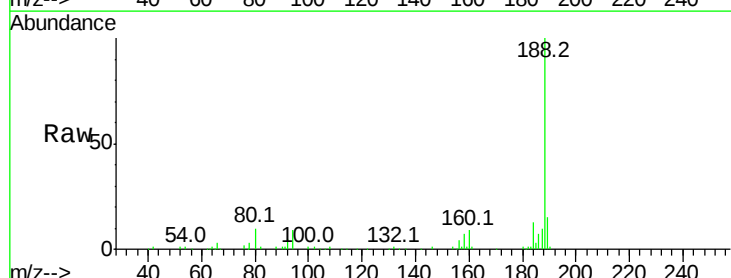
Tgt Ion:188 Resp: 147621

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

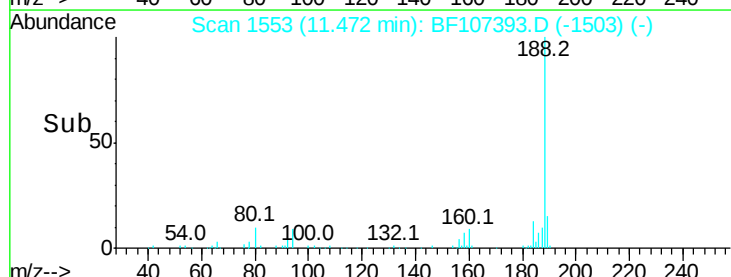
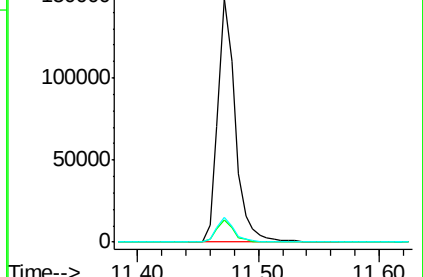
80 10.3 9.2 13.8

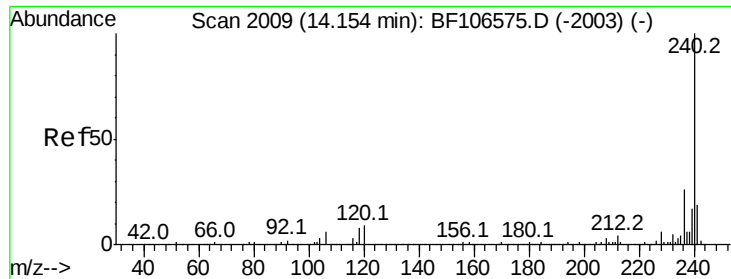


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

Instrument :

BNA_F

ClientSampleId :

071118-TIPC-F-D-B

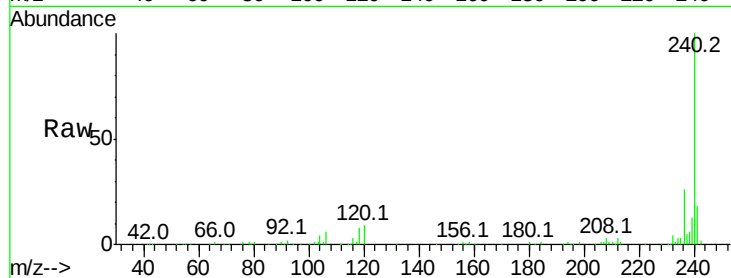
Tot Ion:240 Resp: 137080

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

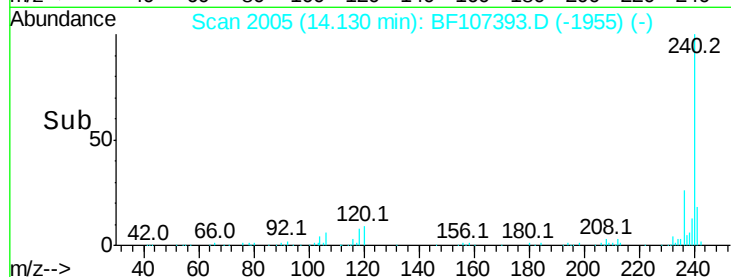
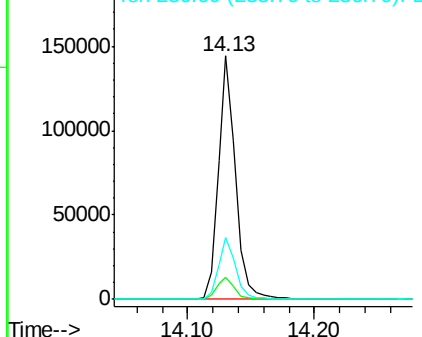
236 25.6 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 116.267 ng

RT: 13.06 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF107393.D

Acq: 14 Jul 2018 4:01

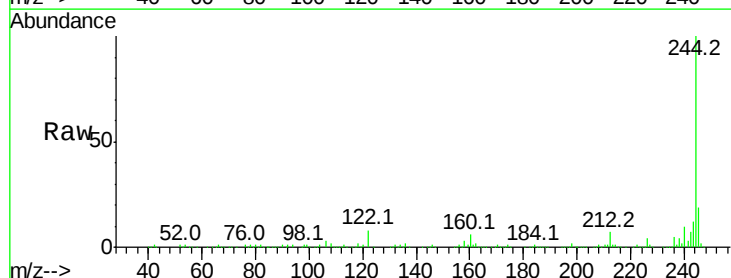
Tgt Ion:244 Resp: 657963

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

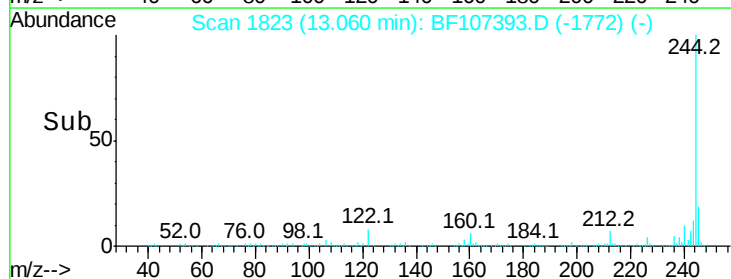
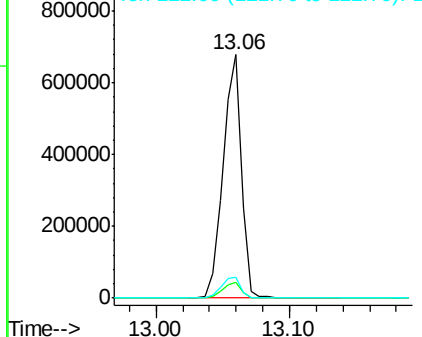
122 8.4 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BF107393.D
 Acq: 14 Jul 2018 4:01

Instrument :
 BNA_F
 ClientSampleId :
 071118-TIPC-F-D-B

Tot Ion: 264 Resp: 93274
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 20.1 17.5 26.3

